

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  P323705PC-Zi	<b>FOR FURTHER ACTION</b>		see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No.  PCT/EP2005/003211	International filing date (day/month/year)  21/03/2005	(Earliest) Priority Date (day/month/year)  19/03/2004	
Applicant  EPIGENOMICS AG			

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. \_\_\_\_\_

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☒ none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/003211

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, EMBASE, BIOSIS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X D1	US 2003/082600 A1 (OLEK ALEXANDER ET AL) 1 May 2003 (2003-05-01)	✓ 1-18, 20-22
Y	paragraphs '0078!, '0164!	19
Y D2	JU J ET AL: "FLUORESCENCE ENERGY TRANSFER DYE-LABELED PRIMERS FOR DNA SEQUENCING AND ANALYSIS" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE. WASHINGTON, US, vol. 92, May 1995 (1995-05), pages 4347-4351, XP002052420 ISSN: 0027-8424 the whole document	✓ 19
P,X	WO 2004/051224 A (ILLUMINA, INC; FAN, JIAN-BING) 17 June 2004 (2004-06-17) pages 12,23-26; example 4	✓ 1-22
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&amp;" document member of the same patent family

Date of the actual completion of the international search

8 September 2005

Date of mailing of the international search report

15/09/2005

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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/003211

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	QIU P J ET AL: "Quantification of single nucleotide polymorphisms by automated DNA sequencing" BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, ACADEMIC PRESS INC. ORLANDO, FL, US, vol. 309, no. 2, 19 September 2003 (2003-09-19), pages 331-338, XP004451517 ISSN: 0006-291X the whole document page 334, column 1, paragraph 2 -----	✓
E	WO 2005/075671 A (EPIGENOMICS AG; MODEL, FABIAN; SCHUSTER, MATTHIAS; KLUTH, ANTJE) 18 August 2005 (2005-08-18) pages 4,5,8,16 page 20 -----	✓ 1-18, 20-22

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/003211

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003082600 A1	01-05-2003	DE 10112515 A1	14-11-2002
		DE 10158283 A1	28-05-2003
		CA 2435917 A1	19-09-2002
		CN 1539023 A	20-10-2004
		WO 02072880 A2	19-09-2002
		EP 1370691 A2	17-12-2003
		JP 2004527241 T	09-09-2004
WO 2004051224 A	17-06-2004	US 2003170684 A1	11-09-2003
		AU 2003297654 A1	23-06-2004
		WO 2004051224 A2	17-06-2004
WO 2005075671 A	18-08-2005	WO 2005075671 A1	18-08-2005